

ABSTRACT

1
2
3 Method and apparatus for resuming execution of a
4 failed computer program. A program is compiled using two
5 compilers to generate first and second sets of object
6 code. Checkpoints are identified in the program, and
7 checkpoint code is generated for execution at the
8 checkpoints. If execution of the first set of object code
9 fails, checkpoint data is recovered and execution of the
10 program is resumed using either the first or second set of
11 object code. In one embodiment, the first set of object
12 code is re-executed before trying the second set of object
13 code.